

LISTING OF CLAIMS

Claims 1-18 (Cancelled)

Claim 19 (Currently Amended): A process for printing or image development, wherein said process comprises the use of a composition comprising: 1) a dual polymer binder system, 2) an infrared absorbing compound, 3) an acid generating compound and, optionally, 4) a stabilizing acid, for forming ~~a an outermost~~ coating upon a lithographic printing plate and developing an image from the plate coated with said composition, wherein said plate is subjected to cure after development, further wherein the composition is the only coating on said lithographic printing plate.

Claims 20-26 (Cancelled)

Claim 27 (Previously Presented): A process according to claim 19, wherein the composition comprises a dual polymer binder system comprises a first polymer comprised of a condensation product of phenol, o-chlorophenol, o-, m- or p-cresol, p-hydroxy benzoic acid, 2-naphthol or other monohydroxy aromatic monomer with a first aliphatic or aromatic aldehyde;

and a second polymer comprised of the condensation product of catechol, resorcinol, hydroquinone, bisphenol A, bisphenol B, trihydroxybenzene, or other di- or polyhydroxy aromatic compound, and methylolated analogs thereof, with a second aliphatic or aromatic aldehyde.

Claim 28 (Previously Presented): A process according to claim 27, wherein the first polymer has a molecular weight in the range from 2,000 to 80,000; and the second polymer has a molecular weight in the range from 150 to 15,000.

Claim 29 (Previously Presented): A process according to claim 19, wherein the infrared absorbing compound in said composition is a dye or insoluble material such as carbon black.

Claim 30 (Previously Presented): A process according to claim 29, wherein the infrared absorbing compound is comprised of dyes derived from classes including pyridyl, quinolinyl, benzoxazolyl, thiazolyl, benzothiazolyl, oxazolyl and selenazolyl.

Claim 31 (Previously Presented): A process according to claim 19, wherein the acid generating compound in said composition is an onium salt, wherein the onium salt has an anion.

Claim 32 (Previously Presented): A process according to claim 31, wherein the onium salt comprises sulfonium, sulfoxonium, arsonium, iodonium, diazonium, bromonium, selenonium and phosphonium.

Claim 33 (Previously Presented): A process according to claim 31, wherein the anion, which determines the released free acid, includes chloride, bisulfate, hexafluoroantimonate, hexafluorophosphate, tetrafluoroborate, methane sulfonate and mesitylene sulfonate.

Claim 34 (Previously Presented): A process according to claim 31, wherein the onium salt is diphenyliodonium hexafluorophosphate or 3-methoxy-4-diazodiphenylamine hexafluorophosphate.

Claim 35 (Previously Presented): A process according to claim 19, wherein the stabilizing acid in the composition is a carboxylic acid.

Claim 36 (Previously Presented): A process according to claim 35, wherein the stabilizing acid is an aromatic carboxylic acid.

Claim 37 (Previously Presented): A process according to claim 36, wherein the stabilizing acid is a benzoic acid or a substitute thereof or a naphthoic acid or a substitute thereof.

Claim 38 (Previously Presented): A process according to claim 19, wherein the composition is either in a write-the-background mode or in a write-the-image mode, wherein the write-the-background mode comprises the following formulation:

dual polymer binder,

* first polymer	50 – 95%
* second polymer	5.0 – 40%
infrared absorber	0.1 – 12%
acid generator	0.1 – 10%
stabilizing acid	0.1 – 10%,

further wherein the write-the-image mode comprising the following formulation:

Dual polymer binder,

* first polymer	5 – 95%
* second polymer	10-90%
infrared absorber	0.1 – 12%
acid generator	0.1% - 15%
stabilizing acid	0.1-10%.

Claim 39 (Previously Presented): A process according to claim 38, wherein the write-the-background mode has formulation 1A and the write-the-image mode has formulation 2A:

1A. Write-the-background mode

Dual polymer binder,

* first polymer 50-90%

* second polymer 5-35%

infrared absorber 0.5-12%

acid generator 0.5-12%

stabilizing acid 0.1-10%

2A. Write-the-image mode

Dual polymer binder,

* first polymer 5-90%

* second polymer 40-90%

infrared absorber 0.5-12%

acid generator 1.0-15%

stabilizing acid 0.1-10%.

Claim 40 (Cancelled)

Claim 41 (Currently Amended): A process for printing or image development, wherein said process comprises the use of a composition comprising: 1) a dual polymer binder system, 2) an infrared absorbing compound, 3) an acid generating compound and 4)

a stabilizing acid, for forming a coating upon a lithographic printing plate and developing an image from the plate coated with said composition, wherein said plate is subjected to cure after development, further wherein said composition is the only coating on said lithographic printing plate.

Claim 42 (Cancelled)

Claim 43 (Cancelled)